

IN THE CLAIMS:

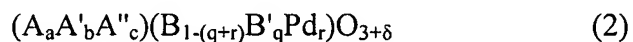
This listing of claims replaces all prior versions, and listings, of claims in the application:

1. (Currently amended) A perovskite-type composite oxide represented by the following general formula (1):



wherein A represents at least one element selected from rare earth elements and alkaline earth metals; B represents at least one element selected from transition elements (excluding rare earth elements, and Pd), Al and Si; x represents an atomic ratio satisfying the following condition: $1.02 < x < 1.5$; y represents an atomic ratio satisfying the following condition: $0 < y \leq 0.5$; and δ represents an oxygen excess.

2. (Original) A perovskite-type composite oxide represented by the following general formula (2):



wherein A represents at least one element selected from La, Nd and Y; A' represents at least one element selected from rare earth elements and alkaline earth metals (excluding La, Nd, Y, Ce, Pr and Tb); A'' represents at least one element selected from Ce, Pr and Tb; B represents at least one element selected from Mn, Fe, Co and Al; B' represents at least one element selected from transition elements (excluding rare earth elements, and Mn, Fe, Co, Al and Pd) and Si;

a represents an atomic ratio satisfying the following condition: $0.5 < a \leq 1.3$; b represents an atomic ratio satisfying the following condition: $0 \leq b < 0.5$; (a+b) represent atomic ratios satisfying the following condition: $1 < (a+b) \leq 1.3$; c represents an atomic ratio satisfying the following condition: $0 \leq c \leq 0.2$; q represents an atomic ratio satisfying the following condition: $0 \leq q < 0.5$; r represents an atomic ratio satisfying the following condition: $0 < r \leq 0.5$; and δ represents an oxygen excess.

3. (Original) The perovskite-type composite oxide according to claim 2, wherein at least one of b, c and q is 0 in the general formula (2).

4. (Previously Presented) A catalyst composition comprising the perovskite-type composite oxide according to claim 1.

5. (Original) The catalyst composition according to claim 4, which is an exhaust gas purifying catalyst.

6. (Original) The catalyst composition according to claim 4, which is a coupling reaction catalyst for organic synthesis.

7. (Withdrawn) A method for producing a perovskite-type composite oxide, which comprises a step of formulating materials in accordance with each atomic ratio of a perovskite-type composite oxide represented by the following general formula (1):



wherein A represents at least one element selected from rare earth elements and alkaline earth metals; B represents at least one element selected from transition elements (excluding rare earth elements, and Pd), Al and Si; x represents an atomic ratio satisfying the following condition: $1 < x$; y represents an atomic ratio satisfying the following condition: $0 < y \leq 0.5$; and δ represents an oxygen excess.